**MANN BROTHERS** **PREMIUM PAINTS & FINISHING PRODUCTS**
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MANN BROTHERS MannBrothers.com
Specialty Paints & Supplies

# PRODUCT DATA SHEET

# MB73-01 Total Prep Primer

**Description:** Mann Brother's MB73-01 Total Prep Primer is a water-base all-purpose primer for architectural and institutional applications. It has strong adhesion onto wood, concrete, stucco, plaster, and metal substrates with exceptional stain blocking capabilities against wood's natural tannin. MB73-01 is made using a stain blocking acrylic resin to prevent discoloration from the substrate, commonly seen from redwoods and cedar. Total Prep is also fortified to provide a mildew resistant coating for exterior and interior applications.

## Product information:

**Technical Specification:**

| | |
|---|---|
| **Vehicle Type:** | Acrylic |
| **Drying Time:** | < 1 hour (Dry to Touch) |
| | 2-4 hours (Recoat) |
| **Volume Solid:** | 37% |
| **Weight Solid:** | 48% |
| Recommended Film Thickness: | |
| | 4.5 mil (Wet) |
| | 1.5 mil (Dry) |
| **Coverage:** | 300-350 $ft^2$ |
| | (Actual value may vary depending on substrate condition/application technique) |
| **Gloss (60º):** | <15 |
| **Viscosity:** | 95-105 KU |
| **Density:** | 10.5 lbs/gal |
| **Storage Temperature:** | Min 50°F to Max 90°F |
| **VOC:** | 0 g/L |
| **Shelf Life:** | 12 months** |

**Some settling may appear. Stir gently to redisperse the system.

**Surface preparation:** All surfaces must be clean, dry, and free from dust, dirt, oil, mildew, rust, chalking, loose paint or any other contaminants. New plaster or masonry must be allowed to cure for at least 30 days before applying. Poured or pre-cast concrete surface should be etched or abraded to increase adhesion after removing all form release agents and curing compounds. If oil contamination is of concern, use a degreaser or cleaning solution followed with clean water rinse. All cracks must be patched and sanded with compatible patching material to the substrate. Rusted surfaces should be wire brushed. Mildew surfaces should be washed with mildew remover, rinsed, then allowed to dry.

**Application:** For maximum stain blocking, apply one coat of Total Prep and cure for 4 hours. Apply a second coat of Total Prep and allow to cure for 16 hours before top coating.
**For wood**, it is recommended to apply the 2 coat process with Total Prep.

**Water Stain:** One or two coats will block most water stains. For heavy stain damage, using a solvent-based primer may be necessary.

**Thinning:** This product is formulated to be used at package consistency. However, if thinning is found to be necessary, add water sparingly to improve flow and workability.

**Clean up:** To clean tools, clean with soap and water. *In the case of spills*, use containment techniques to prevent further spillage and spreading of material. Dispose of all contaminated materials and containers following federal/state/local regulations.

**Environmental:** Consult with regulatory and governmental agencies for allowable usage conditions and disposal methods. Do not pour leftover material down the drain.

**Safety Measure:** Before using, thoroughly Read the Material Safety Data Sheet. Clean hands and contaminated skin with warm water and soap. If irritation develops, wash off immediately with plenty of water.

**Limitations:** Do not apply this product when surface temperature is below 50F or above 90F.

**Warning!** If you scrape sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.**
To protect yourself and your family, you may contact 1-800-424-LEAD or log on www.epa.gov/lead.
**Warning:** Do not apply if surface, container or air temperature is below **50 degree F**.
**Notice**: Purchaser is responsible for legal disposal of containers. Close container after each use. Do not take internally. **Keep out of reach of children**. **Keep from freezing**.